

Snow for Engineering Apps

LEVEL 1 Monitor License Usage

Powered by Open IT

As organizations grow and their IT requirements become more complex, effectively and accurately tracking license usage across the entire enterprise becomes more difficult and complicated. In addition, IT managers are often faced with a shrinking budget and are compelled to do more with less. They are driven to increase productivity while reducing software usage costs. While this is not an impossible proposition, this situation requires IT managers to utilize a powerful license usage metering tool that will offer a complete solution to these challenges by providing a comprehensive overview of the whole enterprise, as well as the ability to drill down to the deepest details of license usage.

SNOW FOR ENGINEERING (SFE) APPS LEVEL 1 provides an enterprise view of software applications that are enabled by license management servers, showing when and by whom they are used over time, by location, business unit or project group. It can enable chargeback accounting, usage-based license agreements, accurate workflow analysis and optimal license usage. By monitoring software usage and providing simpler management of software licenses, SFE Level 1 helps cut software license costs and reduce wastage on license usage. Generated reports can range from a worldwide total enterprise view down to a single user, real-time or historical, viewed on a web browser, printed, or exported to popular spreadsheets.

Popular SFE Level 1 reports include named-user license usage, users checking out multiple licenses at any one time, time trend license usage, license denial reports, and site and global concurrent license usage comparison with named-user licenses.

KEY BENEFITS

- Monitor license denials and document shortage of software licenses.
- Monitor technology uptake and uncover training needs.
- Document best practices and support business process improvements.
- Use objective reports that facilitate communication between business units.
- Enable chargeback of software costs to each business unit.
- Measure and demonstrate ROI of IT investments.
- Plan budget more proactively.
- Align IT software with business needs. Reduce expenses.
- Be more prepared for negotiations with vendors.
- Allow for pay-per-use agreements with software vendors.
- Structure software license agreements with license sharing across time zones.
- Document software license compliance.

SUPPORT FOR LICENSE MANAGEMENT SERVERS

Supported license management servers currently include Aladdin Hardlock (NetHASP), Altair License Manager, Altium, Animator, Beta LM, Bentley Select, Hosted Bentley Server, ClearCase, DSLS, Encom, Enterprise Architect LM, EOD (Exceed on Demand), FLEXlm/FlexNet, GHSLm (Green Hills), HQMS, Easy Copy, Fekete License Manager, Honeywell ULM, IBM LUM, Jazz Team Server, LM-X, LS-Dyna, MathLM, Olicense, OrcaFlex (Orcina License Manager), Parasoft License Server, Peloton, Reprise (RLM), Sentinel HASP (NetHASP), Sentinel RMS, SlickEdit, SmartPlant, STI License Manager, Vector (Dongle), Codemeter (Dongle), and Wibukey (Dongle). Support for other license managers may be added upon request.

The screenshot displays the Snow License Monitor Portal interface. The top navigation bar includes the Snow logo and the user 'SVG301WINAdministrator'. The main content area is titled 'License Monitor Portal' and shows a 'Real-time license utilization view' for 'Ansys_Combined'. It features a 'License Usage' section with a search bar and a table of features and their usage. A detailed table below shows individual users, their checkout times, and when they last used the software. A tooltip for Ricardo Garduno is visible, showing his user details.

Feature	Usage
struct (22)	3 10
prepost (40)	28 12
ansys (16)	10 6

User Name	Host	Checkout	In Use(Online):	In Use
Ricardo Garduno	svgapl1944.openit.root.L...	2019-12-14 08:04:00	6	1
Racquel Snow	oklapi1099.openit.root.L...	2019-12-14 15:56:00		1
Joseph Oconnor		2019-12-16 19:08:00		1
Tracey Manuel		2019-12-16 19:31:00		1
Hayder.ahmad		2019-12-16 21:25:00		1
David Wilson		2019-12-17 00:56:00		1

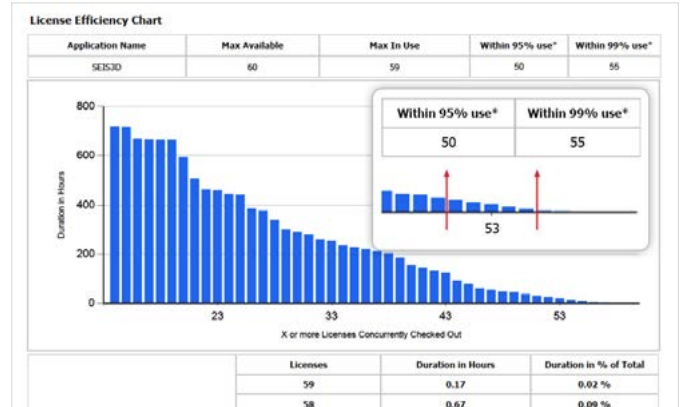
Ricardo Garduno
Automotive Engineer II

UserName: rcardo.garduno
Mail: rgarduno@openit.com
Department: North
Division: -
Manager: -
EmployeeType: Full Time
Location: Stavanger
CostCenter: IN
PhysicalDeliveryOfficeName: -

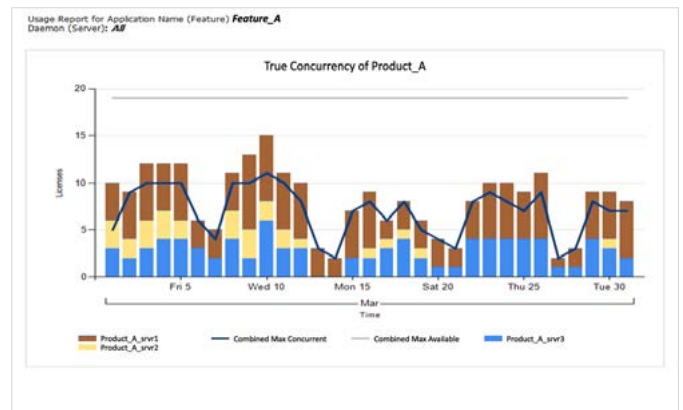
LICENSE MONITOR DASHBOARD. Our web-based monitoring component provides a complete, real-time overview of software usage on all license servers, worldwide.

FLEXIBLE & CUSTOMIZABLE REPORTING

- Use the reporting component to present detailed usage statistics from license managers deployed across the company, even internationally.
- Produce graphical or tabular reports showing license usage overtime, such as maximum, minimum and average use.
- Provide vendors with accurate software usage documentation based on SFE's unalterable license metering data.
- Observe software users' proficiency by monitoring usage patterns of various user groups. Managers can see how and where to improve workflow efficiency to provide targeted support and training.
- Produce accurate workflow analysis and implement optimal license usage by customizing reports to better interpret the collected data.
- Create internal chargeback invoices by adding license cost information.



LICENSE EFFICIENCY GRAPH. A view of license usage sorted by concurrent checked-out quantity.



TRUE CONCURRENCY REPORT. Global usage report for a specific application showing true globally concurrent license usage.



HEATMAP GRAPH.

Heatmap gives an overview of what specific day and hour of the week is the busiest for license use.

KEY BENEFITS

- **MULTI-PLATFORM**
Snow for Engineering Apps supports various operating systems in Windows and UNIX platforms.
- **SAP, LDAP, ACTIVE DIRECTORY INTEGRATION**
Groups are conveniently synchronized with Active Directory, LDAP, SAP or similar user information databases.
- **PRODUCT/FEATURE MAPPING**
View combined usage for a set of features or products at any site across all time zones.
- **AUTO-DISCOVERY**
For Flex licenses, Snow for Engineering Apps automatically detects adds/changes/removals to licenses and reconfigures the client accordingly with no downtime required. This activity occurs once per hour, so license changes are quickly detected and acted upon.
- **MULTI-APP/MULTI-USER ANALYSIS**
Snow for Engineering Apps handles true concurrency across all business units worldwide.
- **LICENSE SERVER FOOTPRINT REDUCTION**
Snow for Engineering Apps consolidates server usage.

SNOW FOR ENGINEERING APPS

Snow for Engineering Apps is offered in three (3) levels of functionality (Level 1, Level 2 and Level 3), where each level extends and builds on functionality from the preceding level.

LEVEL 1

Monitor License Usage

Meter and report on Check In/
Out from License Manager

Proactive Alerts

Real-time License Monitor
Dashboards

LEVEL 2

Analyze Application Activity

Add ability to meter
and report if user is
Active/Inactive while
license is checked out

LEVEL 3

Deploy Licenses Efficiently

Add ability to notify,
terminate or suspend
an application based
upon inactivity policies
and thresholds

ABOUT SNOW SOFTWARE

Snow Software is the global leader in technology intelligence solutions, ensuring the trillions spent on all forms of technology is optimized to drive maximum value. More than 4,000 organizations around the world rely on Snow's platform to provide complete visibility, optimize usage and spend, and minimize regulatory risk. Headquartered in Stockholm, Snow has more local offices and regional support centers than any other software asset and cloud management provider, delivering unparalleled results to our customers and partners. To find out more about Snow Software, visit www.snowsoftware.com.

